

Amendments to the Claims

1. (Currently Amended) A display panel control device comprising:
means ~~(6)~~ for processing a video signal to generate a processed video signal;
means ~~(2)~~ for generating sub-fields based on said processed video signal;
means ~~(3,4)~~ for generating a number of control pulses per second based on said processed video signal and for providing an automatic power control,
wherein contrast is controlled independent from and without affecting the video signal processing, in dependence on a user contrast control applied to said control pulses generating means ~~(3,4)~~ by multiplying the number of sustain pulses per time period by a same factor for all sub-fields.
2. (Currently Amended) A display panel control device according to claim 1, wherein brightness is controlled independent from and without affecting the video signal processing, in dependence on a user brightness control applied to said control pulses generating means ~~(3,4)~~ by increasing or decreasing the number of sustain pulses per time period applied to a given sub-field by a given brightness offset value.
3. (Currently Amended) A display panel control device according to claim 1, wherein brightness is controlled independent from and without affecting the video signal processing, in dependence on a user brightness control signal applied to said control pulses generating means ~~(3,4)~~ by controlled light generation during an erase phase.
4. (Currently Amended) A display system comprising a display panel ~~(1)~~ and a display panel control device according to claim 1.